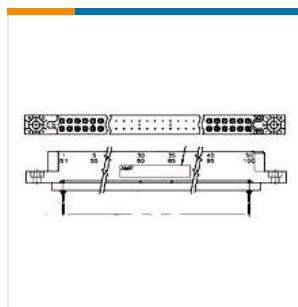


MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

PRODUCT DRAWING

English

3D PDF

TE CONNECTIVITY (TE)

2 ROW BOX RECP 100 POS 100 C/L

AMP | CL , L

530781-8

TE Internal Number: 530781-8

Mil-Spec: M55302/27-170

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Receptacle**

Centerline **2.54 mm [.1 in]**

Number of Positions **100**

PCB Mounting Orientation **Vertical**

Product Drawings

BOX CONNECTOR, RECEPTACLE ASSY., .100 GRID EXTERNAL KEYING

PDF ([TIFF AVAILABLE](#))

English

BOX CONNECTOR, RECEPTACLE ASSY., .100 GRID EXTERNAL KEYING

PDF ([TIFF AVAILABLE](#))

English

CAD Files

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Customer View Model

2D_DXF.ZIP

English

3D PDF

PDF

English

Product Specifications

Application Specification

[Box Header Assemblies And Receptacle Connectors With Contacts On 1.90 Mm \[.075 In\] And 2.54 Mm \[.100 In.\] Centerlines](#)

PDF

English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features

Applies To

Printed Circuit Board

Connector Style

Receptacle

PCB Mounting Orientation	Vertical
Connector Type	Connector Assembly
Row-to-Row Spacing (in)	.1
Stabilizers	Without
Strain Relief	Without
Board Standoff	Without
Product Type	Connector
Gasket	Without
Sealed	No

Configuration Features	Number of Positions	100
	Number of Rows	2
	Staggered Rows	No
	Keyed	Yes
	Selectively Loaded	No

Body Features	Color	Blue
	Post Size	.56 x .69 mm [.022 x .027 in]
	Post Styles	Wrap-Type

Contact Features	Contact Protection	Without
	Contact Shape	Square
	Contact Type	Socket
	Contact Base Material	Beryllium Copper
	Contact Mating Area Plating Thickness (μ in)	50
	Solder Tail Contact Plating Material	Tin-Lead
	Contact Mating Area Plating Material	Gold

Termination Features	Termination Method to Wire/Cable	Wrap-Type
	Termination Post Length	10.29 mm [.405 in]
	Termination End Plating Thickness (μ in)	100
	Termination End Plating Material	Tin-Lead
	Termination Method to PC Board	Through Hole
	Terminations per Post	1 High

Mechanical Attachment	PCB Mounting Style	Through Hole
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PCB Mount Retention	Without
Panel Mount Retention	Without
Mating Alignment	With
Mating Connector Lock	Without
Mating Alignment Type	Polarization
<hr/>	
Housing Features	Centerline 2.54 mm [.1 in]
	Housing Color Blue
	Housing Material Diallyl Phthalate
<hr/>	
Dimensions	PCB Thickness (Recommended) 1.5 – 2.63 mm [.059 – .103 in]
<hr/>	
Operation/Application	For Use With Header
<hr/>	
Packaging Features	Packaging Quantity 1
	Packaging Method Package
<hr/>	
Product Compliance	Statement of Compliance PDF
	VIEW ALL PRODUCT COMPLIANCE